

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013381.D
 Acq On : 26 Oct 2019 18:16
 Operator : SY/MD
 Sample : K5567-10
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	457488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	500558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	266539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	182605	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.59	69	151606	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	228700	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.94	46	391601	60.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.92%
24) Chloroform-d	4.40	84	391339	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	181773	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	803639	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	237174	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	694069	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	73975	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	225093	34.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159199	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	286943	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

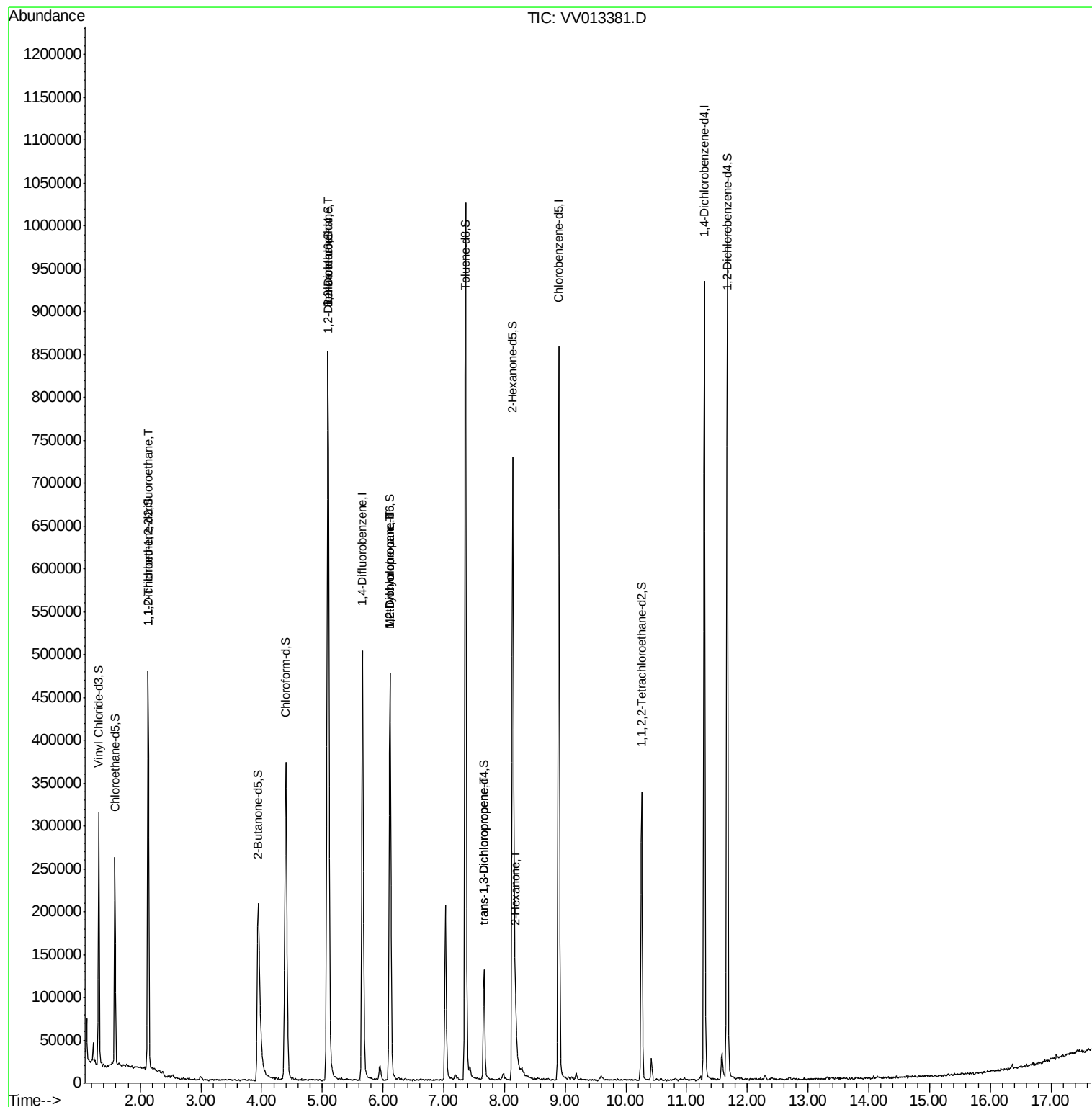
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2812	0.074 ug/L #	15
27) 1,2-Dichloroethane	5.10	62	4020	0.084 ug/L	98
35) Methylcyclohexane	6.12	83	59480	0.754 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	25318	0.545 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3122	0.063 ug/L #	82
48) 2-Hexanone	8.18	43	36941	2.180 ug/L #	85

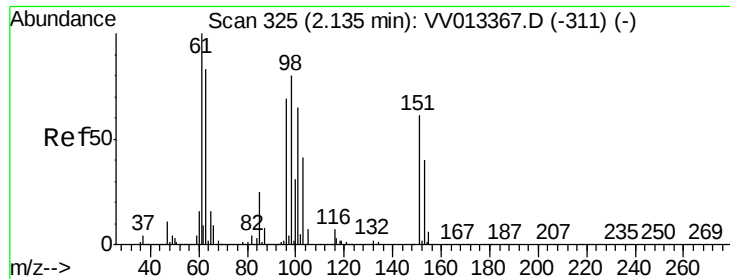
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.074 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013381.D

Acq: 26 Oct 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

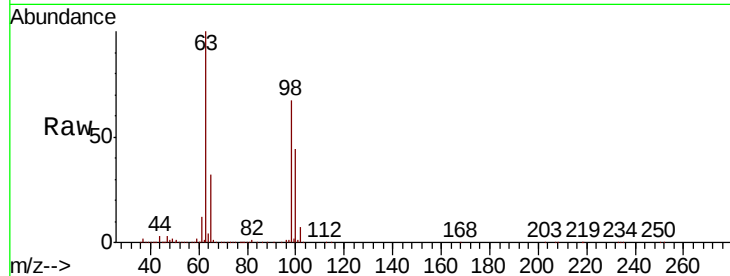
Tot Ion:101 Resp: 2812

Ion Ratio Lower Upper

101 100

85 3.7 31.8 47.8#

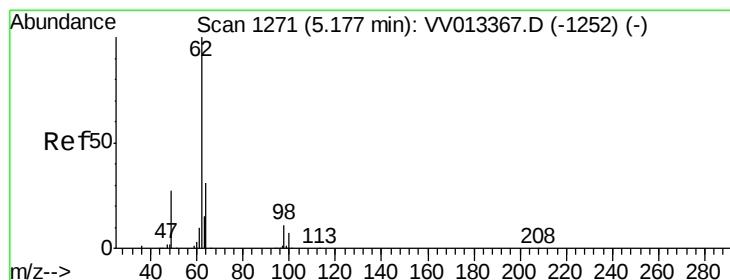
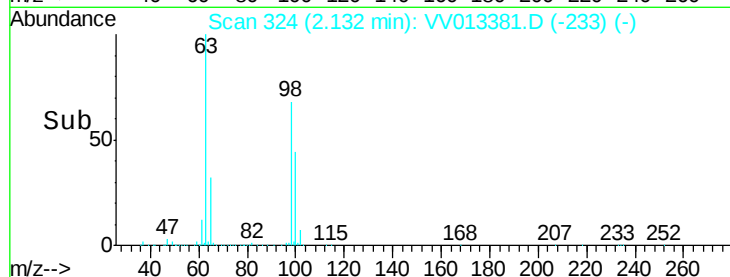
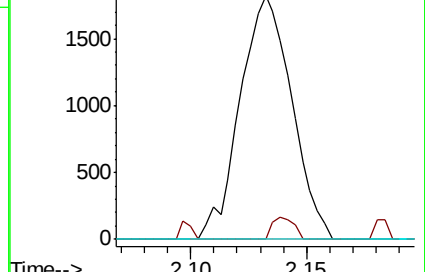
151 0.0 72.9 109.3#



Abundance Ion 101.00 (100.70 to 101.70): VV013381.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV013381.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV013381.D (-233) (-)



#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013381.D

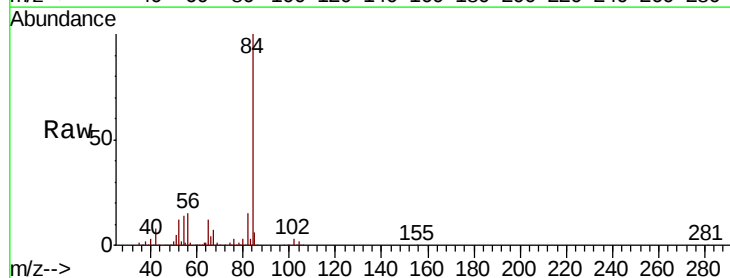
Acq: 26 Oct 2019 18:16

Tgt Ion: 62 Resp: 4020

Ion Ratio Lower Upper

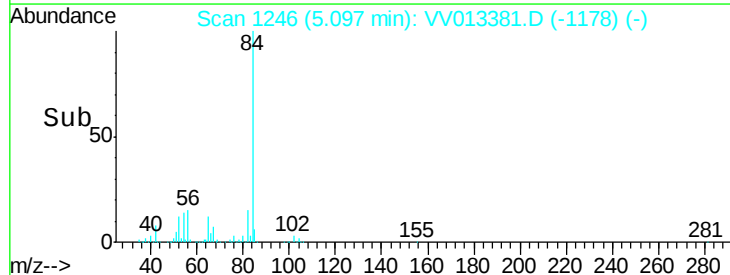
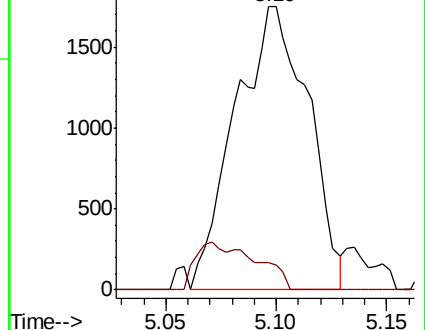
62 100

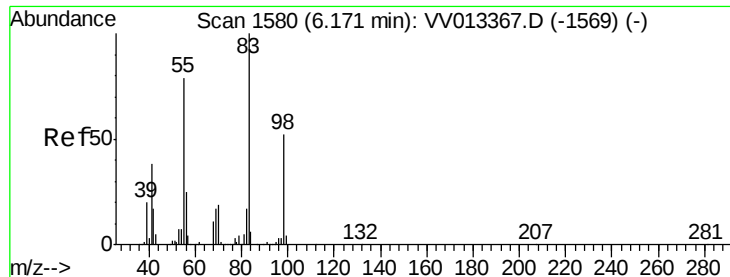
98 9.6 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV013381.D (-1178) (-)

Ion 98.05 (97.75 to 98.75): VV013381.D (-1178) (-)

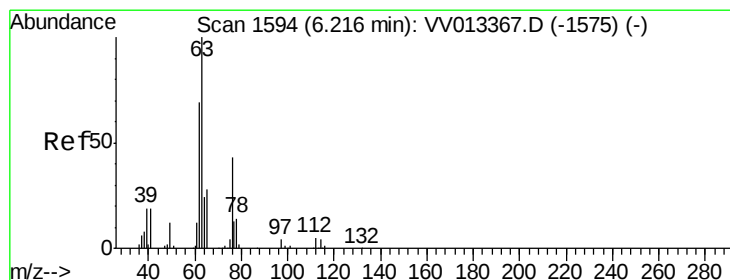
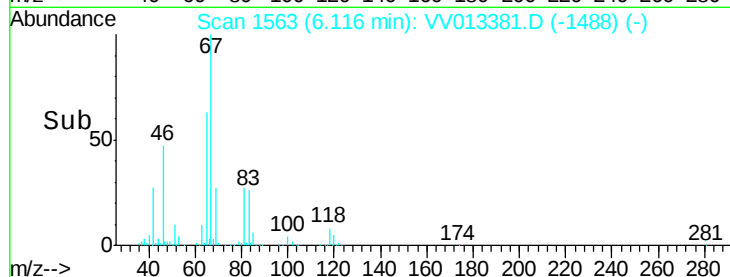
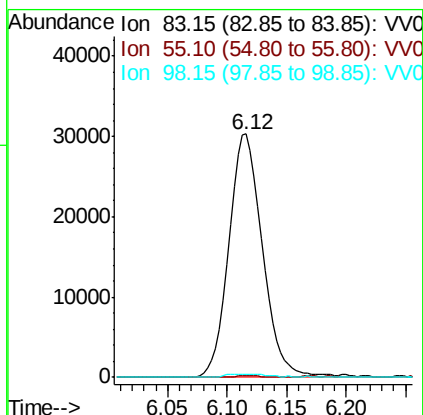
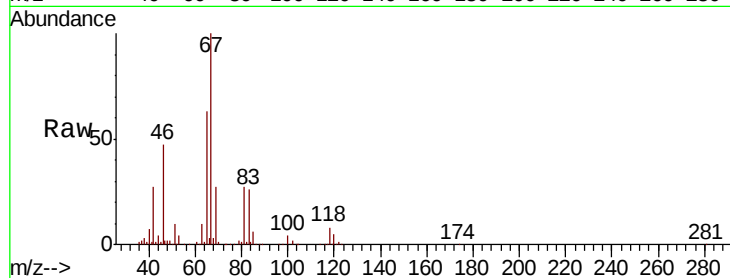




#35
Methvlcvclohexane
Concen: 0.754 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013381.D
Acq: 26 Oct 2019 18:16

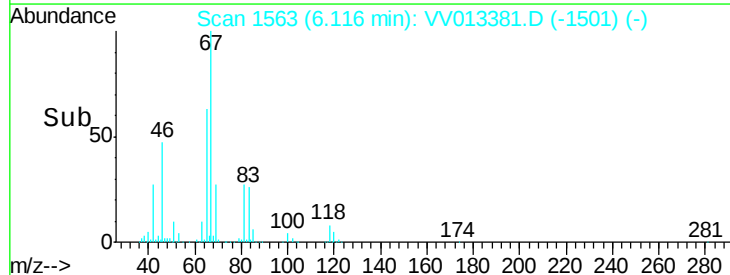
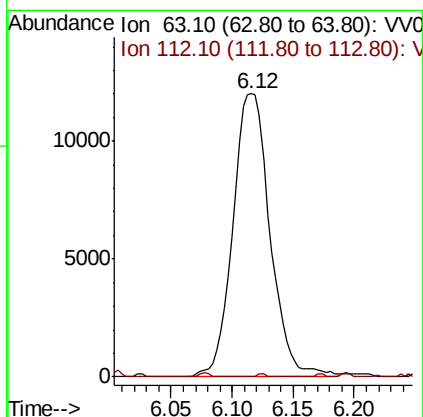
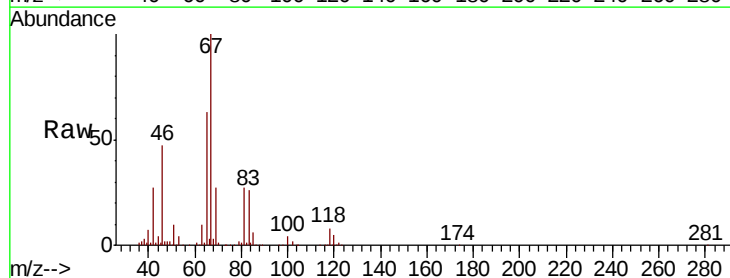
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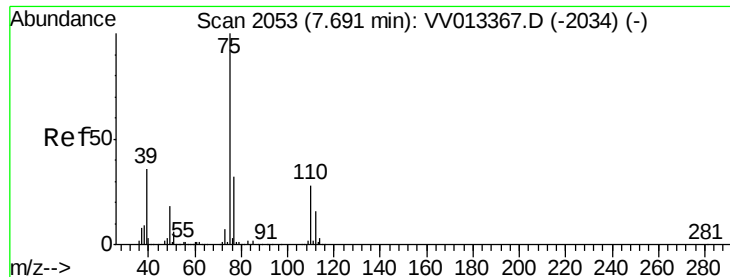
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	0.0	39.2	58.8#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013381.D
Acq: 26 Oct 2019 18:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.1	6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013381.D

Acq: 26 Oct 2019 18:16

Instrument :

MSVOA_V

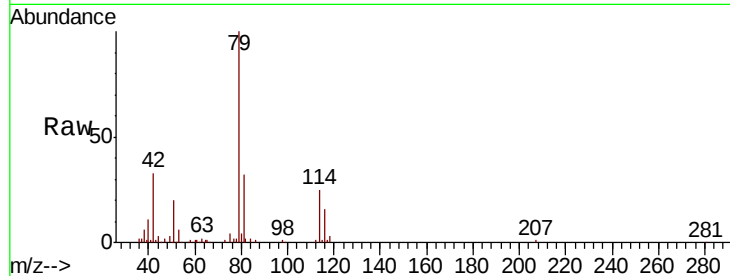
ClientSampleId :

Tot Ion: 75 Resp: 3122

Ion Ratio Lower Upper

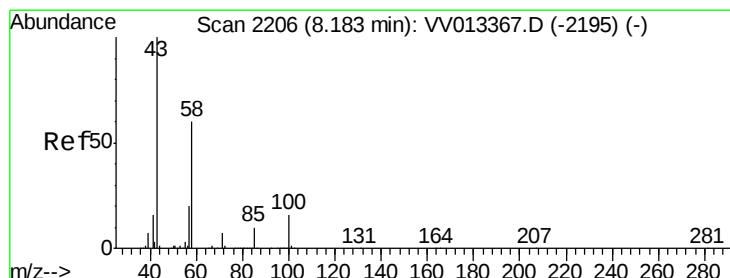
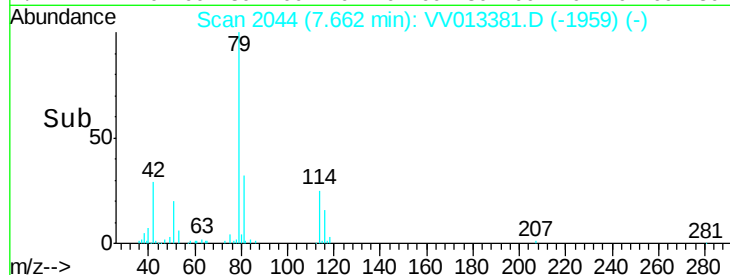
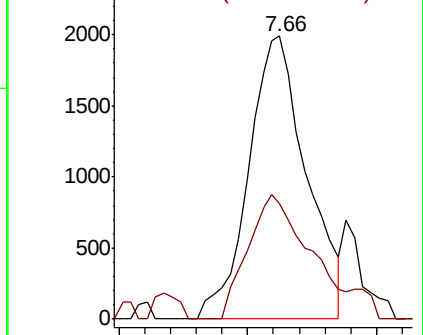
75 100

77 41.0 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.180 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013381.D

Acq: 26 Oct 2019 18:16

Tgt Ion: 43 Resp: 36941

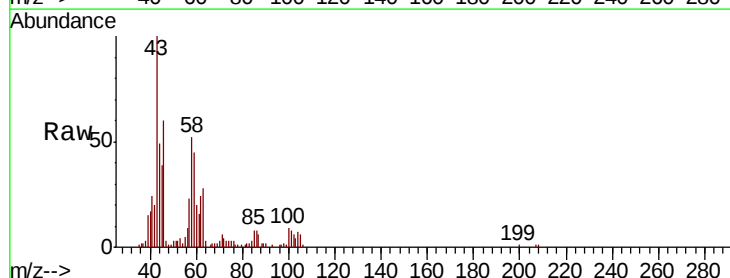
Ion Ratio Lower Upper

43 100

58 44.4 45.1 67.7#

57 13.0 15.5 23.3#

100 7.8 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

